

Applicant : Michael Dennis Hardwick Date: 2/1/06
For : REMOTE CONTROL SYSTEM FOR CONTROLLING APPARATUS
 IN RESPONSE TO A VARIABLE

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1(original). A control system for controlling apparatus remotely in response to a variable which is independent of the system and has a changing value, which system comprises a sensor to sense the value of the variable, a radio transmitter associated with the sensor and operative to transmit a control signal representative of the sensed value of the variable, a radio receiver associated with the controlled apparatus and operative to receive the control signal, and a controller operative by receipt of the control signal to control the apparatus according to the value of the variable.

2(original). A control system as claimed in claim 1 wherein the controller is operative to change a parameter of the controlled apparatus as the value of the variable changes.

3(original). A control system as claimed in claim 2 wherein the controller is operative to change said parameter proportionately as the value of the variable changes.

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4 (currently amended). A control system as claimed in claim 2 or
~~claim 3~~ wherein said parameter is changed in direct relation to the
value of the variable.

5 (currently amended). A control system as claimed in claim 2 or
~~claim 3~~ wherein said parameter is changed in inverse relation to the
value of the variable.

6 (currently amended). A control system as claimed in claim 5
wherein the controlled apparatus comprises at least one or more lamps
lamp of which said parameter is the light output thereof.

7 (currently amended). A control system as claimed in claim 6
wherein the variable is ambient light and the sensor comprises a
photometer, the system being arranged to increase the light output
from the lamps lamp as incident light on the photometer decreases.

8 (currently amended). A control system as claimed in claim 6
wherein the sensor senses the presence of a person and the system is
arranged to operate in at least one of switching the lamp on and
increasing the light output from the lamp, switch the lamps on, or
increase the light output from the lamps, when the presence of a
person is detected.

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9 (currently amended). A control system as claimed in claim 7 or
~~claim 8~~ including a timer operative in at least one of switching the
lamp off and reducing the light output to switch the lamps off, or
reduce the light output from the lamp, a predetermined period after
the time when the presence of a person is last sensed.

10 (currently amended). A control system as claimed in claim 6 any of
~~claims 6 to 9~~ wherein the controller comprises an adjustable ballast.

11 (original). A control system as claimed in claim 5 wherein the variable is ambient temperature.

12 (currently amended). A control system as claimed in claim 11 wherein the apparatus comprises at least one heater ~~one or more heaters~~ of which said parameter is the heat output thereof from the
heater.

13 (currently amended). A control system as claimed in claim 12 wherein the sensor comprises a thermometer and the system is arranged to increase the heat output from the ~~heaters~~ heater as ambient temperature at the thermometer decreases.

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14 (currently amended). A control system as claimed in claim 2 ~~any of claims 2 to 13~~ wherein said parameter is changed in a plurality of steps.

15 (currently amended). A control system as claimed in claim 1 ~~any preceding claim~~ including a plurality of said sensors.

16 (currently amended). A control system as claimed in claim 1 ~~any preceding claim~~ including a plurality of said controllers.

17 (currently amended). A control system as claimed in claim 15 or ~~claim 16~~ wherein at least one ~~the or each~~ controller is operative in response to control signals from more than one sensor.

18 (currently amended). A control system as claimed in claim 17 wherein at least one ~~the or each~~ controller is arranged to operate in one of switching the controlled apparatus on and increasing the output of the controlled apparatus, switches the controlled apparatus on, or increases its output, in response to a control signal from one said sensor and is arranged to operate in one of switching the controlled apparatus off and decreasing the output of the controlled apparatus, switches the controlled apparatus off, or decreases its output, in response to a control signal from another said sensor.

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19 (currently amended). A control system as claimed in claim 1 and any preceding claim wherein ~~the or each~~ at least one control signal is a radio signal in the 868 MHz band.

20 (canceled).